

The Sony® E-Series Walkman® MP3 Player delivers up to 50 hours<sup>1</sup> of music –with video and photo playback plus FM radio just to sweeten the deal. With delicious colors, Windows® drag and drop functionality and digitally restorative Sony® Clear Audio Technologies, the E-Series is bling to the ears and eyes.



## **Bullets**

- Digital music, video & photo player with FM radio
- 2" QVGA (320x240) high-brightness, color LCD
- Rechargeable battery with up to 50 hours audio playback<sup>1</sup>
- Easy content transfer with Media Go™ for Windows®
- Exclusive Sony® Clear Audio Technologies enhances sound
- Synchronized Lyric Feature
- Built-in Voice Recording
- 5 User Configurable Playlists with Song Bookmarking
- Create Channels with SensMe™ feature
- Language Learning Function
- Alarm and timer function
- Compact design with 8 GB internal memory<sup>2</sup>
- EX Headphones and USB cable included

## **Features**

### **Take your entertainment with you**

The compact design of the Sony® NWZ-E460 series Walkman® MP3 Player allows you enjoy your favorite audio and video files, look at personal photos or simply listen to the built in FM radio.

### **Lightning-fast LCD display**

The 2" QVGA (320x240) high-brightness screen, color LCD provides fast, rich viewing of photos, videos, and album artwork.

### **Rechargeable battery built-in**

The built-in lithium ion battery provides up to 50 hours of audio playback or 10 hours of video playback per charge.<sup>1</sup>

### **Easy Content Transfer**

The Media Go™ application for Windows® allows you to transfer your favorite music, videos, playlists, and photos to your Walkman® easily. You can drag and drop the data from iTunes® for Windows, Windows Media Player or Windows Explorer.

### **Solid sound**

Exclusive Sony® Clear Audio Technologies - Clear Stereo, Clear Bass Audio Technologies and Digital Sound Enhancement Engine - restore the clarity and depth of digitally compressed music.

### **Synchronized Lyric Feature**

Load .lrc lyric files for your favorite songs and set the lyrics to scroll by in sync to the music.

### **Built-in Voice Recording**

The integrated microphone and adjustable bit rate makes the voice recording function easy to use.

### **Bookmarking with Multiple Playlists**

Users can bookmark songs and add them to 5 configurable playlists.

### Create Channels with SensMe™ feature

SensMe™ tone analysis keeps your music in tune with your mood. SensMe software application automatically groups your music into channels based on beats-per-minute, making listening and managing your content even simpler.

### Language Learning Function

Learning a new language is made easier thanks to the adjustable playback speed control, A-B repeat and rewind functions.

### Keep track of time

The NWZ-E460 Walkman® player has a built in clock function with alarm and sleep timer.

### Big Storage Capacity

Streamlined for portability, the NWZ-E464 can store hours of music, videos and personal photos thanks to the internal 8 GB memory<sup>2</sup>.

### Open, charge and listen

Everything you needs is in the box including USB cable and soft hybrid silicone EX headphones.

## Specifications

### Audio

Audio Power Output	5 + 5mW
Antenna System	FM: Headphone Cord Antenna
AVLS	Volume Limit ON/OFF
Equalizer	5 Band Equalizer with 6 presets: Heavy/Pop/Jazz/Unique/Custom 1/Custom 2
Format(s) Supported	MP3 / WMA / AAC-LC / L-PCM
Frequency Response	20 - 20,000Hz (When playing data file, single signal measurement)
Station Preset(s)	up to 30 FM presets
Tuner Frequency Range	87.5 - 108 MHz
Tuner Type	Digital FM Tuner

### Audio Features

Play Mode	Normal / Repeat / Shuffle / Shuffle & Repeat / Repeat song / Karaoke / Language Study / Playback Range / Display Lyrics
Simulated Surround	VPT (Studio / Live / Club / Arena / Matrix)
Sound Mode	DSEE: Digital Sound Enhancement Engine 5-band equalizer (None/Heavy/Pop/Jazz/Unique/Custom 1/Custom 2) VPT (Studio/Live/Club/Arena/Matrix) Clear Stereo (On/Off) Clear Bass Dynamic Normalizer (On/Off) DPC (Speed Control: x0.5/x0.7/x0.9/Off/x1.1/x1.25/x1.5/x1.75/x2.0)

### Convenience

Automatic Shut-off	Sleep Timer Settings: Off/After 30 Min/After 60 Min/After 90 Min/After 120 Min
Recording Modes	Voice Recording

### Convenience Features

Karaoke	Karaoke / Language study: Off / Language study / Maximum Karaoke Mode / Minimum Karaoke Mode)
Multiple Language Display	English / German / Spanish / French / Italian / Polish / Portuguese / Russian / Turkish / Japanese / Korean / Simplified Chinese / Traditional Chinese
On-Screen Display	Portrait orientation (Landscape orientation during video play mode)
Search Features	All Songs / Album / Artist / Genre / Release Year / Playlists / Bookmark / Folder / Voice Recording / SensMe™ Channels

### Display

Display Technology	TFT color display with white LED-backlight, QVGA (320 x 240 Pixels)
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Screen Size	2" QVGA (320 x 240 Pixels)
<b>General</b>	
Backlit Color	White LED-backlight
Recommended Use	Music / Video / Photo / FM / Podcast playback
<b>Hardware</b>	
Headphone Type	MDR-EX083
Interface	Hi-Speed USB with WM-PORT(22pin)
IBM PC/AT compatible computer preinstalled with the following Windows operating systems <sup>1</sup> :	
Windows XP Home Edition <sup>2</sup> (Service Pack 3 or later) Windows XP Professional <sup>2</sup> (Service Pack 3 or later) Windows Vista Home Basic (Service Pack 1 or later) Windows Vista Home Premium (Service Pack 1 or later) Windows Vista Business (Service Pack 1 or later) Windows Vista Ultimate (Service Pack 1 or later) Windows 7 Starter Windows 7 Home Basic Windows 7 Home Premium Windows 7 Professional Windows 7 Ultimate Not supported by OSs other than above. Compatibility mode for Windows XP (included with Windows Vista and Windows 7) is not supported.	
System Requirements	<p><sup>1</sup>- Excluding OS Versions not supported by Microsoft.  <sup>2</sup> - Excluding 64-bit OS versions.</p> <p>CPU: 1 GHz processor (2.6GHz recommended for video playback)  RAM: 1 GB or more  Hard Disk Drive: 600 MB or more of available space  Sound card  USB port (Hi-Speed USB is recommended)</p> <p>Windows Media Player 11 for Windows XP and Windows Vista, Windows Media Player 12 for Windows 7  Internet Explorer 7 or later</p> <p>Broadband Internet connection is required to use Gracenote® MusicID® service or podcast, or to visit the web store site.</p>
<b>Inputs and Outputs</b>	
Headphone Output(s)	1 (1/8" stereo mini jack)
<b>Memory</b>	
Memory Size	8 GB
User Memory Capacity (Approx.)	6.71 GB (7,209,189,684,376 bytes)
<b>Operating Conditions</b>	
Operating Temperature	41 °F to 95 °F (5 °C to 35 °C)
<b>Playback features</b>	
Photo Playback	JPEG
<b>Power</b>	
Battery Charging (Approx)	USB based charging: 3 Hours (full charge), 1.5 Hour (80%)
Battery Life (Approx)	Music: 50 Hrs. Video: 10 Hrs. FM Radio: 20 Hrs. Voice Recording: 9 Hrs.
Power Type	Built-in Rechargeable Li-ion Battery
<b>Video</b>	
Format	MP4 / WMV

## Dimensions (Approx.)

Dimensions (Approx.)	45 x 96.8 x 10 mm (1 13/16 x 3 7/8 x 13/32 inches)
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## Weights and Measurements

Weight (Approx.)	58g (2.1oz)
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## Accessories

Supplied Accessories	Walkman® player MDR-EX083 Earbud headphones Earbud adapters (S.M, L) USB cable Quick Start Guide Software: The software is stored in the built-in flash memory of the player, and includes the following items: Media Go, Walkman Guide & User Guide. For details on how to install, refer to "Quick Start Guide".
Optional Accessories	E-series case: CKM-NWZE460 Walkman® dock: SRS-NWGU50 Walkman® speaker: SRS-NWT10M



1. Actual battery life will vary based on product settings, usage patterns and environmental conditions.

2. 1 GB equals 1 billion bytes, a portion of which is used for data management functions.

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